

Amendment Under 37 C.F.R. § 1.111
Serial No. 09/974,966
Sughrue Ref: Q66516

REMARKS

Claims 1-19 are all the claims pending in the application. Claims 1 and 14 are independent claims.

Applicant has made several stylistic amendments to independent claim 1, as well as dependent claims 17 and 18. Because the amendments are stylistic and do not limit the scope of subject matter claimed, no estoppel is inflicted.

Interview

Applicant thanks the Examiner for the personal Interview with Applicant's representative in which the rejections in view of Uchiyama (US 5,829,855) were discussed. Applicant also thanks the Examiner for indicating that claim 6 would overcome the art of record. Therefore, Applicant has rewritten claim 6 in independent form including the limitations of claim 1 (with stylistic amendments). Applicant respectfully request that Examiner to allow claim 6.

Claim Objections

The Examiner has objected to claim 5 due to a minor informality. In response Applicant has made stylistic amendments to claim 5 and respectfully requests the Examiner to withdraw the objection. Because the amendments are stylistic and do not limit the scope of subject matter claimed, no estoppel is inflicted.

Allowable Subject Matter

Applicant thanks the Examiner for indicating that claim 7 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Therefore, Applicant have rewritten claim 7 in independent form including the limitations of claim 1 (with stylistic amendments).

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Claim Rejections Under 35 U.S.C. § 102 and §103

Claims 1 and 3-6 are rejected under 35 U.S.C. § 102(b) as being allegedly anticipated by Uchiyama. Claims 2 and 11-19 are rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Uchiyama in view of Negeshi et al. (US 5,871,266). Claims 8-10 are rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Uchiyama in view of Goldenberg et al. (US 6,147,801) or Yoshida et al. (US 6,421,181).

Claim 1, 3, and 5

Independent claim 1 has been amended to include the limitations of claim 4 (with stylistic amendments). Claim 4 has been canceled.

Applicant respectfully requests the Examiner to withdraw the rejection of claim 1 at least because Uchiyama does not teach or suggest all of the claim limitations. For example, Uchiyama does not teach or suggest the claimed rear projection television in which a light beam, which is incident on a final stage reflection mirror of said reflection mirrors, is slanted toward said screen to gradually reduce a distance between said incident light beam and said screen and an angle between a surface of said end side reflection mirror and said surface of said screen is in a range from 70 degrees to 120 degrees.

Instead, Uchiyama teaches a projection type-display apparatus in which the angle between the reflective mirror 15b and the screen 3 is about 45 degrees. Uchiyama at Figs. 1-3. There is also no suggestion in Uchiyama of modifying the position of mirror 15b so that the angle between the mirror and screen is within the claimed range, which allows the light beam to be reflected toward the screen at an increased incident angle.

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Therefore, Applicant respectfully request the Examiner to withdraw the rejection of claim

1. In addition, Applicant respectfully requests the Examiner to withdraw the rejections of claim 3 and 5 at least because of their dependency from claim 1.

Claims 2 and 11-13

Applicant respectfully requests the Examiner to withdraw the rejections of claims 2 and 11-13 at least because of their dependency from claim 1 and because Negishi, which the Examiner applies in an attempt to show a focusing optical part comprised of a plurality of focussing mirrors, does not cure the deficiencies in Uchiyama discussed above.

Claims 14 and 16-19

Independent claim 14 has been amended to include the limitations of dependent claim 15 (with stylistic amendments). Claims 15 has been canceled.

Applicant respectfully requests the Examiner to withdraw the rejection of independent claim 14 at least because the combination Uchiyama nor Negishi does not teaches or suggests all of the claim limitations. For example, neither Uchiyama nor Negishi teaches or suggest the claimed method rear projection television in which an incident angle of the light beam projected on said screen is 45 degrees or more.

Uchiyama merely teaches a projection type-display apparatus in which the incident angle of the light beam projected on the screen 3 (i.e. the angle of the incident light beam with respect to a normal line to the screen) is very small. Uchiyama at Figs. 1-3 (See light beam incident on screen 3).

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Furthermore, there is also no suggestion of modifying the projection apparatus of Uchiyama so that light projected on the screen has an incident angle of 45 degrees or more. For example, even assuming arguendo that the projected light of the rear projection screen display apparatus of Negishi is projected on the screen 4 at an angle of 45 degrees or more, the light incident upon last stage mirror 3f of Negishi, is not “slanted toward said screen to gradually reduce a distance between said incident light beam and said screen”, but is instead slanted away from the screen 4. Negishi at Fig. 6 & 40:42-41:30. There is no discussion in Negishi of arranging the mirrors so that both 1) the light beam that is incident on a final stage reflection mirror of said reflection mirrors is slanted toward said screen, and 2) the light beam is projected on a screen at an incident angle of 45 degrees or more.

As such, Applicant respectfully requests the Examiner to withdraw the rejection of claim 14. Furthermore, Applicant respectfully requests the Examiner to withdraw the rejection of claims 16-19 at least because of their dependency from claim 14.

Claims 8-10

In addition, Applicant respectfully requests the Examiner to withdraw the rejection of claims 8-10 least because of their dependency from claim 1, and because neither Goldberg or Yoshida, which the Examiner applies in an attempt to show projection screens with a Fresnel lens and lenticular lens combination, does not cure the deficiencies in claim Uchiyama discussed above.

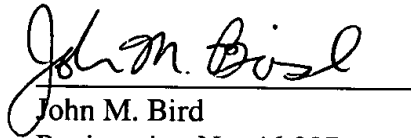
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Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


John M. Bird
Registration No. 46,027

SUGHRUE MION, PLLC
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

WASHINGTON OFFICE

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CUSTOMER NUMBER

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